

Appl. No. 10/731,496  
Amdt. dated January 10, 2006  
Reply to Office action of July 12, 2005

### AMENDMENTS TO THE CLAIMS

The listing of claims will amend prior versions of the claims in the application:

#### Listing of Claims

##### Claim 1 (currently amended)

An orienter for use in a drilling tool assembly, whereby said drilling tool assembly comprises of a steering system means, drilling motor means, orienter means, and drill bit means, and said orienter comprising:

means for connection to a the output end of said drilling motor, said drilling motor including a drive shaft for transmitting rotary power, and connecting to drive shaft of orienter;

a clutch mechanism located within orienter constructed and arranged for transmitting rotary power from said drive shaft when actuated

a rotatable housing, located within orienter, including a bent portion surrounding said drive shaft;

a speed reduction system located between said clutch mechanism and said rotatable housing,

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whereby when said clutch mechanism is actuated, rotary power from said drive shaft is transmitted through said clutch mechanism, through said speed reduction system to rotate said rotatable housing;

and said drive shaft of orienter connected to said drill bit to delivery output rotary power.

Claim 2-4 (original)

Claim 5 (currently amended)

The system as defined in Claim 1 further including a steering guidance system means within said rotatable housing.

Claim 6-15 (original)